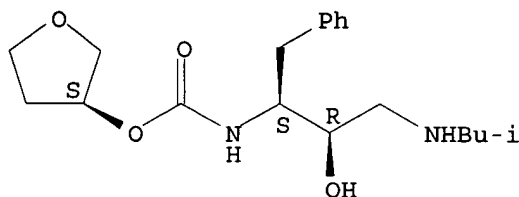


10/723,220

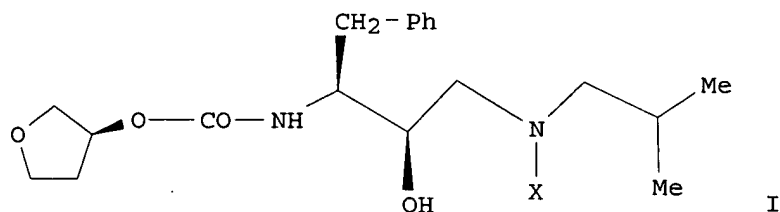
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|--------------------|----------|-----------------|----------|
| JP 09124629 | A2 | 19970513 | JP 1995-314612 | 19951026 |
| PRIORITY APPLN. INFO.: | | | JP 1995-314612 | 19951026 |
| OTHER SOURCE(S): | CASREACT 127:65678 | | | |
| IT 160232-13-3P | | | | |
| RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) | | | | |
| (intermediate; preparation of HIV protease-inhibiting tetrahydrofurfuryl carbamate) | | | | |
| RN 160232-13-3 CAPLUS | | | | |
| CN Carbamic acid, [(1S,2R)-2-hydroxy-3-[(2-methylpropyl)amino]-1-(phenylmethyl)propyl]-, (3S)-tetrahydro-3-furanyl ester (9CI) (CA INDEX NAME) | | | | |

Absolute stereochemistry.



GI



AB The title compound I (X = p-H₂NC₆H₄SO₂), useful as an HIV protease inhibitor (no data), is prepared by treating I (X = H) with 4-H₂NC₆H₄SO₃H or their salts. A mixture of I (X = H; preparation given) and NaHCO₃ in AcOEt was treated with 4-H₂NC₆H₄SO₂Cl.HCl for 4 h to give I (X = X = p-H₂NC₆H₄SO₂).

✓ L5 ANSWER 57 OF 78 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1997:231106 CAPLUS
DOCUMENT NUMBER: 127:17575
TITLE: Preparation of carbamic acid tetrahydrofurfuryl ester derivative as HIV protease inhibitor
INVENTOR(S): Kamijo, Tetsukiyo; Yamaguchi, Toshiaki; Yanagi, Takashi; Tsushiya, Ikuo; Takeuchi, Hideki
PATENT ASSIGNEE(S): Kissei Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF